

Table SII. Comparison of immune and barrier component expression in scalp psoriasis and psoriasis vulgaris of sebaceous gland poor (SGP) skin

	qPCR		IHC	
	<i>p</i>	FC Scalp Ps/ PSV-SGP	<i>p</i>	FC Scalp Ps/ PSV-SGP
Th1 markers				
IFNG	0.26	1.59	0.91	1.42
IL-12	0.23	1.48	nd	
TNFA	0.20	1.08	0.56	1.46
Th17 markers				
IL-17A	0.99	0.99	0.31	0.74
IL-23	0.83	0.66	0.17	1.52
IL-1B	0.22	2.03	nd	
Innate immune/ proinflammatory molecules				
IL-1B	0.22	2.03	nd	
TNFA	0.20	1.08	0.56	1.46
Chemokines				
CCL2	0.62	0.96	0.74	0.67
CCL20	0.12	2.31	0.02	1.96
Antimicrobial peptides				
S100A7	0.13	1.17		
S100A8	0.37	1.01	0.70	1.26
S100A9	0.47	1.27	nd	
DEFB4B	0.69	1.37	nd	
LCN2	0.005	1.95	0.25	0.44
Barrier genes				
LOR	0.53	0.96	0.48	1.06
FLG	0.14	1.45	0.79	1.04
KRT6A	0.7	0.57	nd	
KRT17	0.34	0.69	0.31	0.7

Statistical analyses between mRNA and protein levels were determined by independent t-test or Mann-Whitney U test. Data with significant differences are in bold. Six samples were examined in each group for all the investigated molecules. CCL: chemokine (C-C motif) ligand; DEFB4B: human beta defensin2; FC: fold change; FLG: filaggrin; IFNG: interferon gamma; IL: interleukin; KR: keratin; LCN: lipocalin; LOR: loricrin; PsV: psoriasis vulgaris; RT-PCR: quantitative real-time PCR; TNFA: tumour necrosis factor alpha.